

Patent Abstracts of Japan

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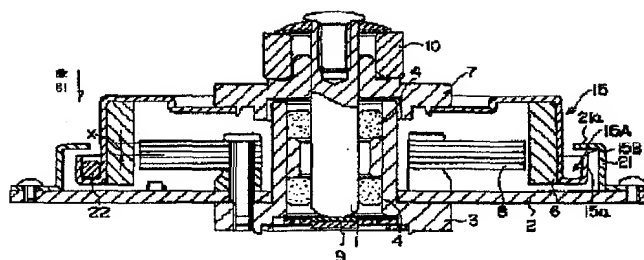
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TITLE : MOTOR



ABSTRACT : PURPOSE: To reduce the cost and the axial dimension of a motor by a method herein a U-trench for the installation of a balance weight which is formed on the outer circumference of a rotor case is also used as a stopper receiver and the axial dimension of a stopper which touches the U-trench is reduced.

CONSTITUTION: A rotor magnet 6 magnetized in plural poles is so provided as to face the outer circumferential surface of a stator core 8. A U-trench 15A is formed in the outer circumferential surface of a rotor case 15 which holds the rotor magnet 6 and a balance weight 22 is installed in the U-trench 15A and a stopper 21 which touches a part of the U-trench 15A when the rotor case 15 moves in the direction of escaping is provided.

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